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Indiana Agriculture Report

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INDIANA CORN AND SOYBEAN PRODUCTION UP FROM LAST MONTH

Based on conditions October 1, Indiana's 2004 corn production is forecast at 918.5 million bushels, up 10 percent from the September 2004 forecast. If realized, this would be up 17 percent from the 786.9 million bushels produced in 2003. The expected yield of 167 bushels per acre increased 21 bushels from last year's 146 bushels per acre. If realized, this would exceed the previous record of 156 set in 2001 by 11 bushels. The 5.50 million acres for harvest is 2 percent above the acreage harvested last year and up 4 percent from the June estimate. As of October 3, corn condition was rated 83 percent good to excellent.

Soybean production is forecast at 276.9 million bushels, up 13

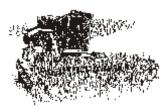
percent from the September 2004 forecast and up 36 percent from the 204.1 million bushels produced in 2003. The expected yield of 51 bushels per acre is 13 bushels above last year's yield of 38 bushels per acre. If realized, this would be 2 bushels above the previous record of 49 bushels established back in 2001. The acreage expected to be harvested for beans, at 5.43 million acres, is 1 percent higher than in 2003, but down slightly from the June As of October 3, estimate. soybean condition was rated 78 percent good to excellent.

Tobacco production is forecast at 8.82 million pounds, unchanged from the September estimate, and up 8 percent from 2003. expected yield of 2,050 pounds per

Inside this issue

Crop Production District Crop Production **Crop Progress** Apple Production Dairy Products Milk Production

acre is up 5 percent above last year's average. Acreage for harvest, at 4,300 acres, is up 2 percent from 2003.



ACRES FOR HARVEST, YIELD AND PRODUCTION **INDIANA AND UNITED STATES: 2003 - 2004**

	Acres for Harvest			Yield Per Acre			Total Production		
Crop	2003	2004	04/03	2003	2004	2003	2004	04/03	Unit
	Thou	sands_	Percent			Tho	<u>usands</u>	Percent	
<u>Indiana</u>									
Corn for Grain	5,390	5,500	102	146	167	786,940	918,500	117	Bu
Soybeans	5,370	5,430	101	38	51	204,060	276,930	136	Bu
Winter Wheat	430	440	102	69	62	29,670	27,280	92	Bu
Oats	15	12	80	70	75	1,050	900	86	Bu
Alfalfa Hay	350	350	100	3.80	4.10	1,330	1,435	108	Ton
Other Hay	300	290	97	2.60	3.00	780	870	112	Ton
Tobacco	4.2	4.3	102	1,950	2,050	8,190	8,815	108	Lbs
Apples <u>1</u> /						51,000	50,000	98	Lbs
Peaches <u>2</u> /						3,400	2,400	71	Lbs
United States									
Corn for Grain	71,139	73,311	103	142.2	158.4	10,113,887	11,613,226	115	Bu
Soybeans	72,476	73,990	102	33.9	42.0	2,453,665	3,106,861	127	Bu
Winter Wheat	36,753	34,462	94	46.7	43.5	1,716,721	1,499,434	87	Bu
Oats	2,220	1,807	81	65.0	64.5	144,383	116,505	81	Bu
Alfalfa Hay	23,578	22,226	94	3.24	3.48	76,307	77,371	101	Ton
Other Hay	39,764	39,363	99	2.03	2.25	80,816	88,549	110	Ton
Tobacco	411.2	409.6	100	1,952	2,156	802,654	883,168	110	Lbs
Apples						8,613,300	9,458,900	110	Lbs
Peaches <u>2</u> /						2,519,000	2,598,400	103	Lbs

^{1/} August 1 forecast carried forward.

^{2/} July 1 forecast carried forward.

PRELIMINARY DISTRICT ESTIMATES OCTOBER 2004

OCTOBER 2004								
	Planted Acres		Harvested Acres		Yield		Production	
District	2003	2004	2003	2004	2003	2004	2003	2004
	Tho	usands	Thousands		Bushels		Thousands	
Corn								
NW	918	923	888	875	138	175	122,795	152,820
NC	757	735	723	703	148	161	106,850	113,220
NE	555	530	523	511	145	159	76,032	81,231
WC	727	701	699	685	156	167	108,695	114,622
С	1,160	1,163	1,141	1,133	149	172	170,383	194,326
EC	467	456	455	439	144	173	65,547	75,754
SW	700	798	670	781	145	169	97,001	132,319
SC	166	194	153	179	138	160	21,048	28,642
SE	150	200	138	194	135	132	18,589	25,564
State	5,600	5,700	5,390	5,500	146	167	786,940	918,500
				Soybeans				
NW	722	721	713	713	32	51	22,511	36,684
NC	653	647	648	639	36	50	23,354	32,219
NE	610	634	603	627	38	50	22,681	31,614
WC	652	672	634	663	38	50	23,878	33,429
С	1,171	118	1,159	1,171	41	54	47,737	62,659
EC	507	529	503	522	39	54	19,793	27,931
SW	684	676	668	667	41	47	27,274	31,572
SC	206	198	202	195	39	51	7,797	10,033
SE	245	236	240	233	38	46	9,035	10,789
State	5,450	5,500	5,370	5,430	38	51	204,060	276,930
				Wheat				
NW	21	27	19	26	79	69	1,507	1,781
NC	42	43	40	42	75	62	2,996	2,585
NE	88	79	83	78	76	62	6,308	4,801
WC	32	31	29	30	75	57	2,161	1,698
С	56	54	53	53	71	69	3,762	3,631
EC	36	33	34	32	72	70	2,448	2,224
SW	140	143	131	141	63	61	8,249	8,539
SC	25	21	23	20	56	55	1,284	1,092
SE	20	19	18	18	53	52	955	929
State	460	450	430	440	69	62	29,670	27,280

CROP PROGRESS

Farmers welcomed the recent much needed precipitation. Rain had been minimal in most areas of the state in recent weeks causing very dry and dusty field conditions. Corn and soybean harvest continued to make good progress despite the temporary rain delay. Corn harvest is 7 days ahead of the average pace. Soybean harvest is running about 8 days ahead of the average pace. Many elevators continue to be at full capacity. Fall tillage has taken place in many fields along with spreading of fertilizer and lime.

As of October 17th, ninety-nine percent of the corn acreage was mature (safe from frost) compared with 95 percent last year and 98 percent for the average. Sixty percent of the corn acreage was harvested compared with 32 percent last year and 47 percent for the average. By area, 49 percent of the corn acreage was harvested in the north, 65 percent in the central region and 76 percent in the south. Moisture content of harvested corn is averaging about 17 percent. Corn condition is rated 84 percent good to excellent compared with 65 percent last year at this time.

Ninety-seven percent of the soybean acreage was mature compared with 93 percent last year and 96 percent for the average. Eighty-two percent of the soybean acreage was harvested compared with 58 percent last year and 67 percent for the average. By area, 81 percent of the soybean acreage was harvested in the north, 89 percent in the central region and 72 percent in the south. Moisture content of harvested soybeans is averaging about 10.5 percent.

Sixty-six percent of the winter wheat acreage is planted compared with 53 percent last year and 57 percent for the average pace. Twenty-one percent of the winter wheat acreage has emerged compared with 19 percent last year and 24 percent for the average pace. Recent precipitation will boost winter wheat emergence.

Pasture condition was rated 2 percent excellent, 27 percent good, 37 percent fair, 25 percent poor and 9 percent very poor. Livestock are in mostly good condition.

APPLE PRODUCTION UP FROM AUGUST

Nationally, the final production forecast for the 2004 crop year is 9.46 billion pounds, up 1 percent from the August 1 forecast and 10 percent above 2003. Of the 7 States making October 1 production forecasts, New York and Washington increased from the August 1 forecast, Virginia and West Virginia remained unchanged, while Michigan, North Carolina, and Pennsylvania decreased from August. Growers in the Eastern and Central apple producing regions are expecting decreases in production from the August 1 forecast, while producers in the Western region are expecting an increase. Compared to 2003, production increases in the Eastern and Western States more than offset decreases in the Central States.

Production in the Central States (AR, IL, IN, IA, KS, KY, MI, MN, MO, OH, TN, WI) is forecast at 1.05 billion pounds, down 6 percent from the August 1 forecast and 13 percent below 2003. Michigan's production decreased by 9 percent from the August forecast and 18 percent from 2003. Widespread hailstorms in Michigan reduced production potential and affected quality in some areas. As a result, some apples originally intended for the fresh market will be

diverted to processing. Harvest began about a week ahead of normal. All other Central States are carried forward from the August 1 forecast.

OCTOBER 1 COMMERCIAL APPLE PRODUCTION 1/ SELECTED STATES AND U.S., 2002-2004

	Production						
State	To	Indicated					
	2002	2003	2004				
		Million Pounds	<u>3</u>				
Indiana <u>2</u> /	40.0	51.0	50.0				
California <u>2</u> /	470.0	450.0	440.0				
Illinois <u>2</u> /	43.0	52.5	56.0				
Michigan	520.0	840.0	690.0				
New York	680.0	990.0	1,070.0				
Ohio <u>2</u> /	70.0	90.0	89.0				
Pennsylvania	370.0	442.0	416.0				
Washington	5,100.0	4,500.0	5,400.0				
United States	8,523.9	8,613.3	9,458.9				

^{1/} Orchards of 100 or more bearing age trees.

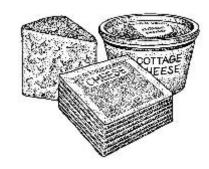
PRODUCTION OF DAIRY PRODUCTS

U.S. butter production during August 2004 was 88.9 million pounds, 25.4 percent above August 2003 but 2.5 percent below July 2004. American type cheese production totaled 297 million pounds for the month, .8 percent below August 2003 and 2.0 percent below July 2004. Total cheese output (excluding cottage cheese) was 712 million pounds, 1.7 percent above August 2003 and .6 percent above July 2004. Creamed cottage cheese production was 33.0 million pounds, and lowfat cottage cheese in the U.S. totaled 32.7 million pounds.

The Nation's dairy plants produced 73.7 million gallons of hard ice cream during August 2004, down 4.7 percent from the same period last year. Hard lowfat ice cream output totaled 9.6 million gallons, up 11.2 percent from the August 2003 level. Hard sherbet production was 4.62 million gallons for the month, up 1.4 percent from the previous year. Total frozen yogurt production was 6.03 million gallons, up 1.3 percent from August 2003.

PRODUCTION OF DAIRY PRODUCTS
UNITED STATES, AUGUST 2004 WITH COMPARISONS 1/

	August	July	August	Percent of	
Product	2003	2004	2004	Aug 2003	Jul 2004
		Million Pounds	<u>i</u>	<u>Per</u>	cent
Butter	70.9	91.2	88.9	125	97
American Cheese 2/	299.1	302.8	296.6	99	98
All Cheese	700.1	707.9	712.2	102	101
Cottage Cheese, Curd	40.1	36.9	38.8	97	105
Cottage Cheese, Cream	34.2	32.7	33.0	97	101
Cottage Cheese, Lowfat	33.2	32.6	32.7	99	100
Sour Cream	80.1	75.0	80.3	100	107
		Million Gallons	<u>i</u>	<u>Per</u>	<u>cent</u>
Frozen Products					
Ice Cream (Hard)	77.4	78.8	73.7	95	94
Lowfat Ice Cream (Hard)	8.7	10.3	9.6	111	93
Sherbet (Hard)	4.6	4.7	4.6	101	98
Frozen Yogurt	6.0	5.8	6.0	101	104



^{2/} Estimates for current year carried forward from an earlier forecast.

^{1/} Percents may not calculate due to rounding.

^{2/} Includes Cheddar, Colby, Monterey, and Jack.

INDIANA MILK PRODUCTION DOWN 5 PERCENT

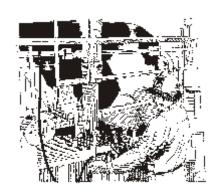
Indiana's milk production totaled 231 million pounds during September 2004, down 5 percent from a year earlier. The number of milk cows on farms totaled 150,000 head, down 3 percent from a year earlier.

Milk production in the 20 major States during September totaled 11.9 billion pounds, up 1.3 percent from production in these same States in September 2003.

Production per cow in the 20 major States averaged 1,529 pounds for September 2004, 18 pounds above the previous year. The number of milk cows on farms in the 20 major States was 7.77 million head, 4,000 head more than August 2004, but 6,000 head less than September 2003.

MILK COWS AND MILK PRODUCTION INDIANA, AND SELECTED STATES, SEPTEMBER 2003-2004

	Milk Cows <u>1</u> /		Milk Per	r Cow <u>2</u> /	Milk Production 2/		
State	2003	2004	2003	2004	2003	2004	2004 as % of 2003
	Thousand Head		<u>Pounds</u>		Million Pounds		Percent
INDIANA	155	150	1,575	1,540	244	231	95
Illinois	109	107	1,420	1,440	155	154	99
Iowa	200	190	1,490	1,480	298	281	94
Kentucky	111	109	975	1,000	108	109	101
Michigan	304	303	1,755	1,685	534	511	96
Minnesota	470	465	1,355	1,365	637	635	100
Ohio	259	266	1,380	1,380	357	367	103
Wisconsin	1,253	1,239	1,430	1,440	1,792	1,784	100
20 State							
Total	7,764	7,770	1,511	1,529	11,731	11,879	101



2/ Excludes milk sucked by calves.

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^{1/} Includes dry cows, excludes heifers not yet fresh.